Abstract

A process for the preparation of water gas shift catalyst is described. The process includes mixing a copper salt and a zinc salt with an aluminum component in a solution, precipitating a precipitate from the solution, drying an forming the precipitate into the water gas shift catalyst. In an alternate process the aluminum component is prepared separately from the solution of the copper salt and the zinc salt prior to the mixing of the components. After the components are mixed a precipitate is precipitated from the solution, the precipitate is dried and formed into the catalyst.